

FIG. 5 shows details of CDB description 305. In a preferred embodiment, it is a table which has at least an entry 501 for each dataset of source database 241 of which here is a copy in cache database 347. Each entry 501 contains the global dataset identifier 503 for the data set, by which the dataset is known in all servers 107 with queryable caches 219 containing copies of the dataset, the local data set identifier 505, by which the dataset is known in cache database 347, and number of queries 507, which indicates the number of times the dataset has been queried over an interval of time. In the preferred embodiment, number of queries 507 embodies query information 307.

10 An entry 501(i) for a given dataset is accessed in a preferred embodiment by a hash function 503, which takes global dataset ID 511 for the dataset and hashes it into an entry index 509 in table 305. CDB description manager 303 then searches table 305 for the entry 501 whose field 503 specifies global DSID 511 beginning at entry index 509. If no such entry is found, the dataset is not in cache database 347 and CDB description manager 303 signals a miss 311 to query analyzer 313. Table
15 305 may also include entries 501 for global datasets that are not presently cached in cache database 347; in such entries, local dataset ID 505 has a null value and a miss is returned in response to the null value. The purpose of such entries is to maintain number of queries information 507 for such data sets, so that dataset manager 323 can determine whether to add the entry's dataset to cache database 347.

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Remarks

The objection to the Specification

25 *p. 4, line 30 and p. 16, line 17*

The Leverenz, et al. reference, *Oracle8 Server Concepts*, release 8.0, Oracle Corporation, Redwood City, CA, 1998 employs a page numbering system in which each page number includes a chapter number part and a page number part. Thus, at page 4, line 30, what the numbers 30-5 and 30-11 refer to is chapter 30, page 5 and chapter 30, page 11. The same is the case with the page numbers
30 at page 16, line 17.